# Evaluating legumes

Farmers often innoculate legumes, but don't evaluate the results.

There are several things to consider for proper evaluation of legume nodulation. Number, size, and color of the nodules are the most obvious signs to observe. Generally the more nodules present, and the larger the size, the better the chance that there is a good nodulation providing maximum fixation of nitrogen.

Color of the interior of the n odule is important because healthy, effective nodules will be pink to dark red in color. This color indicates that legemoglobin is present. Leghemoglobin is much like the hemoglobin in blood in that it facilitates transport of oxygen to the bacteria in the nodule just as hemoglobin facilitates oxygen transport in blood. If nodules are white, then the nodule is inactive and ineffective.. Also, if the nodule is green, this is an indication of inefficiency, though the green color is actually an altered form of the red leghemoglobin which results when nitrogen fixation stops. Generally all nodules will be green and soft at the end of the growing season.

When innoculants are used, the time of nodule development and their placement is important. Innoculants provide large numbers of bacteria in the area of the newly developed root. You should observe nodulation two to three weeks after seed germination, and abundant nodules should be located along the tap root. This early development of abundant nodules is important for optimum growth of the plant and provides a check as to whether innoculants are working as they should in the field. Native nitrogen fixing bacteria generally will not give large numbers of nodules on the tap root at the important two to three week period.

Weather is an important factor. Particularly dry conditions will slow the development of nodules and the onset of nitrogen fixation.

Look at your legume roots early. Look for abundant tap root nodules (which are red to pink) -- and pray for the proper amount of rain.

"The South 40" by JAMES A. SMITH EXTENSION AGENT

***

Bacillus thuringiensis is a good insecticide to use on tent caterpillars. You can use this when the tree is in bloom and not injure the bees and still kill the caterpillars.

***

Leaf miners in boxwood were especially bad last summer. Better get the plants sprayed with diazinon, malathion, sevin of lindane in late April to early May when the adults are active or use Cygon or DeFend in mid June. The latter insecticide is a systemic and kills the young miners after they hatch.

***

Boric acid (powder, mixed with a small amount of sugar) is an effective insecticide against cockroaches. Many homeowners like boric acid because it is inexpensive and just as effective as diazinon in certain conditions. Sprinkle a **small amount** of the mixture behind the sink, stove, refrigerator, dishwasher, etc. It will last a long time and give good control.

**Do not** put boric acid in an area where small children can get to it. The lethal dose for a human adult is between 3.5 4.5 grams, but quantities above 2 grams/day are considered harmful.

***

We are interested in securing wireworms and white grubs from corn land for use in a research project at Virginia Tech. If you can collect some, put them in a small jar and note date, where found and farm.

***

We are pleased that the Nash dairy is now on DHI test. Exactly one-half the county herds are on test. I look forward to the time every herd uses this important management too.

**PRECIPITATION**

| | |
|---|---|
| **Last Week** | **1.31** |
| **This Month** | **4.08** |
| **This Year** | **14.48** |

**Renee Harris, the litter critter, was at the elementary and primary schools last week to remind students to pick up their litter. Shown with her are Margaret Megginson, Yolanda Trent and Pattie Wright. See story. page 2.**

## Ways to liven up the table

# Oriental Cookery

By SHIRLEY WALTON
Extension Agent

**CHINESE COOKERY**

**Stir-Frying** is the most characteristic method of Oriental cooking and is especially suited to the Wok. Known as Chao or Chow in Chinese, it is translated as "hot-shallow-fat-continual-stirring-quick-frying" -or in short, **Stir-Frying.** The key to this cooking technique is the timing. Because Stir-Frying itself is very rapid, all foods must be prepared before the cooking process begins.

One food at a time is placed in a small amount of hot oil in the base of the Wok, stirred vigorously until cooked, and pushed up the wide, sloping sides. Another food is cooked, pushed up the sides to make room for the next, and so forth, until all foods are ready for serving. The hot oil preserves the color, flavor and crispness of vegetables and seals in the natural juices of meats, and seafood.

Pork is the primary meat of the Chinese. It is eaten almost daily in well-to-do households.

The water buffalo (the Chinese "sacred cow") was used to plow fields and the Chinese would never eat their dependable worker.

Rice in China is not only the staple food, but the symbol of life and fertility. At Chinese weddings, as well as our own, the custom of throwing rice is a wish that the couple be blessed with long life and many children.

The poor in China are likely to subsist on a large quantity of rice, fewer vegetables and even less meat.

There are five schools of Chinese cooking which are:

1. **The Canton School** - the best known outside China, for the Cantonese were the travelers and the emigrants.
2. **The Fukien School**-this cuisine is characterized by all-around cooking, but many complain that too many soupy dishes are included.
3. **The Szechwan School**-the people in this far west China area had developed a hot, very highly seasoned cuisine.
4. **The Shantung School**-the food is lighter and much

**Recipe Of The Week**
**Oriental Chicken**

4 large chicken breast halves
½ teaspoon salt
⅛ teaspoon pepper
1/4 cup peanut oil
2 tablespoons sliced green onions
1 cup sliced fresh mushrooms
2 tablespoons sliced pimiento
1/4 teaspoon ground ginger
1 cup chicken broth
1 10-oz. package frozen snow peas, thawed*
1 tablespoon cornstarch
2 tablespoons water

1. Remove skin from chicken breasts; cut meat from bones; cut into 1-inch cubes; sprinkle with salt, pepper.
2. Preheat Wok over high heat about 2 minutes.
3. Add oil, pouring it around sides of Wok; heat about 2 minutes.
4. Add chicken cubes; stir 2-3 minutes or until chicken turns white; push up sides.
5. Add onions, mushrooms, pimiento, ginger; stir fry 2 minutes; push up sides.
6. Add broth, snow peas; bring to boil; cook 3 minutes.
7. Combine cornstarch, water; stir into vegetable mixture; bring to boil, boil 1-2 minutes or until thickened; stir rest of ingredients with sauce.
8. 4-5 servings.

*Snow Peas-flat, pale-green pea pods. If not available, French Cut Green Beans may be substituted.

# Good news for homemakers

By SHIRLEY WALTON
EXTENSION AGENT

# Locals compete in contest

Thirty-four Appomattox 4-H'ers were scheduled to take part in last Saturday's Area Junior 4-H Contest at Appomattox Middle School. 4-H members from Bedford, Campbell, Amherst, Halifax and the City of Lynchburg also participated in the program.

* * *

Fifteen Evergreen Community Club 4-H'ers gathered at Mr. Kermit Paulette's farm last week for an "on hands" learning experience with horses. 4-H'ers learned about horse riding safety and were given the opportunity to ride several of Mr. Paulette's Tennessee Walking horses.

* * *

The Appomattox 4-H Soils Judging Team participated in the Robert E. Lee Soil and Water Conservation District Soil Judging Contest last week. High scoring individuals in the contest were: Glen McClenny, Blair Smith and Dale Glover. Other Appomattox 4-H'ers taking part were: Allen Smith, Kenneth McClenny, Howard Anderson, Timmy Mullins and Bob Poole.

* * *

The 3rd Annual Fun Dog Show will be sponsored by the Canine Kids 4-H Club in Campbell County on Sunday, May 4, at the American Legion Fairgrounds on Rt. 501 North of Rustburg. Classes for all types of dogs will be featured. We have seven information sheets in the Extension Office if you're interested. The show will begin at 12:30 p.m.

* * *

4-H'ers have begun signing up for camp this summer. Last day to sign up will be Friday, May 30. Appomattox 4-H'ers will attend camp the week of June 16-20.

* * *

The East Central District 4-H Contest will be held at Appomattox County High School on Saturday, May 10. 4-H'ers from a 19-county area will compete for trips and scholarships to State 4-H Congress in June. Contests will be held in demonstrations and illustrated talks, public speaking, Share-the-Fun, tractor driving, archery skills, auto driving skills, chicken barbeque and others. 4-H'ers from the Evergreen Club and 4-H Achievers Club will provide lunch for the event.

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# Mt. Airy news

"I was glad when they said unto me, let us go into the house of the Lord."

The Mt. Airy Baptist Usher Board held its 32nd anniversary Sunday at 7 p.m. Mistresses of ceremonies were Mrs. Margaret Megginson and Mrs. Annie Franklin. They did a beautiful job. The program was carried out beautifully. Several groups appeared on the program. Rev. Carmol was also present.

Scripture was read by Mr. Darrel Trent; Prayer by Deacon Herman Meggenson; Hymn by the Chambers Family; Welcome by Mrs. Gloria Moore; Response by Mr. Warren Jones.

We were so glad to have so many visitors. Our friends from sister churches came out to help us celebrate our anniversary.

The offering was taken by Misses Goria McCoy and Jacqueline Booker, assisted by Deacon Charles Booker. The offering was very good. Closing hymn by the Chambers Family. The benediction was by Rev. Carmel.

A prayer for the sick and shut-in everywhere.

First seek ye the kingdom of heaven and its rightness and all these things shall be added unto you."

# County Line news

Mrs. Virginia Brannan is in the Baptist Hospital and had surgery.

We're glad Mrs. Fred Jones is home from the hospital.

Mr. Russell Cordell is still in the hospital. We hope he'll be home soon.

Mrs. Lucille Barrett is on the sick list. We hope she will soon be feeling better. Mrs. Henry Mann visited her on Monday.

Mrs. Richard Nash visited Mrs. Annie Ruth Jones Sat. afternoon.

Mr. and Mrs. Paul Coleman visited Mrs. Laura Ferguson Sunday.

Mr. and Mrs. David Carson and Susan visited Mr. and Mrs. Richard Nash on Sunday for lunch also Mr. Winifred Nash and Wendy.

Mrs. Winifred Nash's brother is in the hospital due to results from an automobile accident. Mrs. Nash spent Sunday with him. We wish him a speedy recovery.

Mr. and Mrs. Cecil Nash and girls spent Sunday with Mr. and Mrs. Elliott Nash and Dawn. Mrs. Nelson Mann and boys visited in the afternoon.

Mrs. Mae Zimmerman visited Mrs. Elliott Nash on Wednesday.


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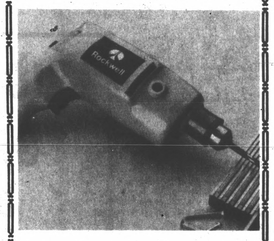

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Times-Virginian

# Sports

# Raiderettes win three

The Appomattox Raiderette softball team recovered from their only loss this season (against Amherst) to win three straight games in softball action last week.

The girls dropped Gretna 13-10 last Monday for their ninth district win.

Nineteen hits, two walks, and six Gretna errors carried the Raiderettes to th their victory.

Debbie SMith had the big bat for the day, with a home run a triple and two singles. She scored three runs and batted in four during the game.

Angie Richardson also had four runs batted in. She went three for three and scored two runs.

Angie Murray was credited with the win, and Johnna Belter got an assist, after coming on in the sixth inning to pitch relief.

Wednesday the girls defeated a tough William Campbell team 16-14 for their 11th victory of the season.

The local girls took a 2-0 lead in the top of the first inning, but William Campbell came back in their half of that inning to score eight runs.

The Raiderettes trailed until the sixth inning, when the team came up with eight runs off six hits, three errors and two saerifices.

Johnna Belter started the game, but Angie Murray came on in the second inning and held William Campbell to four hits and four runs. The girls had 17 stolen bases, including five by Debbie Smith.

Coach Mary Tolley said "They really showed a lot of composure as they pulled this one out. All of our games seem to be getting a little tougher the second time around. The team is in a little slump now, but I think one or two individuals always come through for us."

# Raiders win one, lose three

The Raider varsity baseball team won one game last week against three losses.

Monday the Raiders fell 10-3 to Gretna.

Raider batters collected three hits -- a triple by Gus Paulette, a double by Bucky Totty and a single by Keith Mann.

Darrell Schrock started the game, but had to be relieved in the first inning because of arm problems. Marvin Johnson and Frankie McCormick followed Schrock to the mound, but couldn't hold down the Hawks as they collected 15 hits and 10 runs.

Schrock was credited with the loss.

Tuesday the Raiders were buried by Rustburg, 22-4.

Coach Howard Clabough said a lack of pitching depth again plagued the Raiders, as six pitchers tried but failed to stop a powerful Red Devil team.

Rustburg got 15 hits, including two home runs (one a grand slam).

Although the Raiders had 10 hits for the day they were spread out and in most cases came with few men on base.

Terry Woods had two hits, one a triple. Kenny Wayne Burks had two hits, and Bucky Totty had two hits for the Raiders. Neal Cole had a solo home run for the Raiders in the seventh inning.

Wednesday the Raiders downed William Campbell 18-14 for their seventh win of the season.

The Raiders were behind 13-0 in the third inning, but came roaring back to tie the game in the fifth and go ahead in the sixth for good.

Steve Cobb (four hits and five runs batted in), Kenny Wayne Burks (three h ome runs), Bucky Totty (three hits) and Keith Man (two hits and two runs batted in) led the Raider offensive attack.

Cobb, Steve Poole and Keith Man combined to score 11 of the 18 runs. Darrell Schrock came on in the sixth inning to pitch relief, held William Campbell scoreless, and recorded h is fifth win against three losses.

The Raiders banged out 14 hits against William Campbell's 10.

"To my knowledge, I have never had a team to come from so far behind to win a ball game in 16 years of coaching," commented Clabough after the contest.

The Raiders returned to Rustburg Friday, and lost a close game 6-3.

Schrock, Kevin Mitchell and Totty all pitched for the Raiders, giving u p six hits and six runs.

The Raiders collected five hits but only Kenny Wayne Burks was able to drive runs home as he doubled and singled to plate all three Raider runners.

Clabough said this week that "Pitching is still our main problem especially now that Darrell Schrock has been ineffective due to a tender right arm."

The coach added that Bucky Totty may have to take up some of the pitching slack this week. Last week Totty showed that he could throw strikes in pitching 4½ innings and walking only one batter, according to Clabough.

Steve Cobb continues to hit over .500 (.529), followed by Terry Woods (.426), Kenny Wayne Burks (.416) and Bucky Totty (.407).

Burks leads the team in runs batted in with 18, followed by Steve Cobb with 11 and Terry Woods with nine.

## Baldwin bags turkey

Sam Baldwin of Pamplin bagged a 23½ pound turkey last Saturday. The bird had an 11½ inch beard.

Baldwin killed the big gobbler in the Hixburg area. He called it in with a manual turkey call. He got it about 6:30 a.m.

The bird is the second Baldwin has bagged. He shot a smaller turkey two years ago.

# Lawson gets hole in one

Tommy W. Lawson shot a hole in one while playing golf April 20 at the Falling River Country Club.

He made the shot on the third hole, from the back tee.

# Track team defeats Buckingham High

The Raider boys track team defeated Buckingham Monday, after defeating Randolph-Henry and falling to Altavista in track action last week.

The Raiders scored eight first-place finishes, nine second-place finishes, and six third-place finishes en route to a 70-65 victory.

Robert Harding won the triple jump, 100 meter and 200 meter competition. Also scoring first place were Luis Garcia (pole vault), Carl Bryant (discus), Louis Foster (110 meter h igh h high hurdles), and Greg Davis (300 meter intermediate hurdles).

The Appomattox mile relay team also won its competition.

Harding placed second in the long jump, as well. Other second-place finishers and their categories were: Robinson, high jump; Bryant, shot put; Jaggers, pole vault; Davis, 110 high hurdles; Jaggers, 400 meters; Elder, 300 meter intermediate hurdles; and Shorter, 800 meter run.

William Thornton and Everette Phelps tied for third place in the high jump competition, Phelps scored third in the pole vault competition, Elder scored third in the 110 high hurdles, Miller scored third place in the 1600 meters, Walker scored third place in the 400 meters, and Thornton scored third place in the 800 meters.

The girls' track team also defeated Buckingham in their meet.

The Paiderettes scored eight first places on their way to a 68-41 voctory over Buckingham.

Lori Mitchell took first place in the long jump and the hurdles, and Debbie Williams took first place in the high jump.

Other first-place finishers for Appomattox were Kathryn Lewis, who won the 400-meter race; Bonnie Drinkard, who won the 800-meter race, and Ruby SMith, who won the 200-meter race.

The Raiderettes' 880 relay and mile relay teams won, as well.

# Vietnam refugee finds home in Appomattox

(Continued from page 1)

St. John and others from the sponsoring Baptist organization.

"There's no legal obligation to our sponsorship," says St. John. "It's a moral one. We're here to help them (the refugees) adjust, and to become self-sufficient."

Members of the church group are working to help Phong learn the English language so that he can become more accustomed to American culture, and find a way to support himself.

"We're not trying to make them permanent residents," says St. John. "We're here to help give them to tools to adjust. In all probability, they will move on after they've gained some of the necessary skills."

As Phong gains more ability in speaking English, he will apply for a Social Security card, so he can begin working, making something for himself. He's very intelligent, says St. John. "Just in the short time he's been here, he's picked up a lot, and communication is already becoming easier."

Phong will have to remain in the United States for two years before he will be considered a permanent resident. After five years, he will be eligible to file for U. S. citizenship.

But for now, he is still learning to cope in a country and amidst a people totally foreign to him.

"We just want to try to give him what he's seeking," says St. John. "Freedom to work for a life with some hope for a good future."

parents were forced to work in the rice paddies.

Seeing no hope for a viable future under the government's oppression, Phong boarded a small boat with 41 other people in an attempt to escape his native country.

The trip was a rough one. The small craft ran out of fuel, then was boarded by pirates from a Thai fishing boat, who robbed the refugees and took five of the women with them. When the remaining refugees got back on their boat, all their food and spare clothing had been taken as well.

The group finally made it to Indonesia, where they were put up in refugee camps. Phong was flown to Los Angeles, then last Thursday flown into Lynchburg, where he was picked up by


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MAY


## 'Hokie Club' contest in progress

There is currently a "Hokie Club"contest in progress in Appomattox.

Jim Nolan and Bill Jamerson are captains of the two teams.

The objective of the competition is to sign on as many new VPI Student Aid Association members as possible.

Bill Dooley, head football coach and athletic director of the VPI Hokies, will be in Appomattox May 20 at a banquet slated for the Falling River Country CLub to recognize the winning team, and to make special awards to team members who have signed the most new Association members.

## Bill Jamerson elected

Bill Jamerson of Appomattox has been elected president of the Virginia Tech Student Aid Association.

The Hokie Club is a year-round operation backed by volunteers. The club raises funds to support the athletic teams at Virginia Tech.

Along with raising funds for athletic scholarships to the college, the club provides members with communications pertaining to Tech athletics.

Jamerson, a Tech graduate, played tackle at Tech from 1952-1956.

He played on an undefeated team in 1954.

He is currently an official in the Atlantic Coast Conference of the NCAA.

Jamerson is also on the board of the educational foundation at Virginia Tech.

**PUBLIC NOTICE**
**PROPOSED HIGHWAY PROJECT**
**ROUTE 460 (APPOMATTOX BY-PASS)**
**APPOMATTOX COUNTY**

All interested persons are advised that the State Highway and Transportation Commission of Virginia has approved the major design features for the Appomattox By-Pass (Route 460), Project 7460-006-101, G-301, P-401; from 0.83 mile west of the West Corporate Limits of Appomattox to 0.90 mile east of the East Corporate Limits of Appomattox, in Appomattox County.

The above action is tentative pending approval of the final environmental document by the Federal Highway Administration.

Maps, drawings, an environmental declaration and other information are available in the Department's District Office at Lynchburg and in its Residency Office at Appomattox, for viewing by interested persons.

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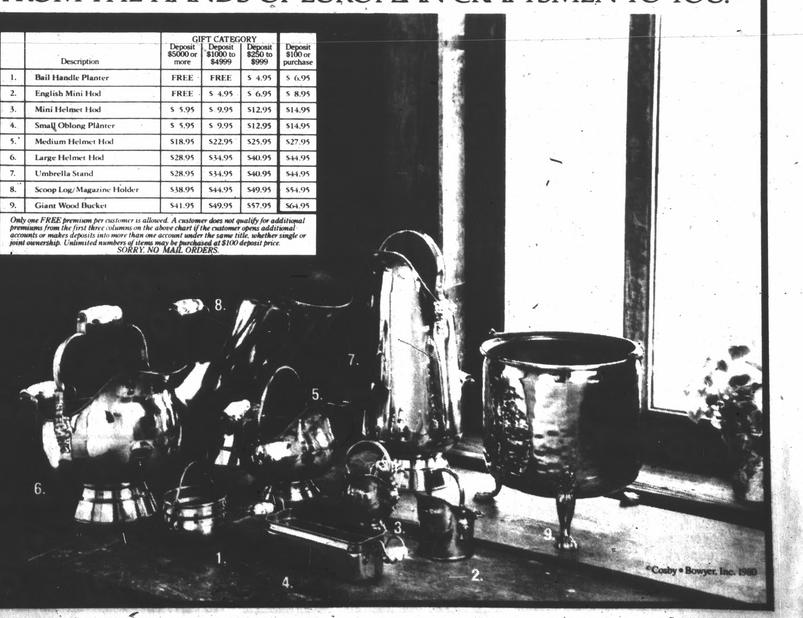


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